

1024 11. (amended) The modulator as claimed in Claim 7, wherein the AGC circuit outputs the control signal on the basis of the signal outputted from the PLL circuit.

REMARKS

This Preliminary Amendment is being filed in order to eliminate the multiple dependency of the claims. An action on the merits of Claims 1-19 is requested.

Respectfully submitted,



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Marked-Up Copy of Amended Claims:

4. (amended) The modulator as claimed in Claim 2 [or Claim 3], wherein the PLL circuit includes an oscillator that generates the reference signal, a frequency divider that divides the frequency of the input signal to output a frequency divided signal, and a comparator that compares the reference signal and the frequency divided signal to detect a phase difference between both.

6. (amended) The modulator as claimed in Claim 2 [or Claim 3], wherein the AGC circuit outputs the control signal on the basis of the signal outputted from the PLL circuit.

9. (amended) The modulator as claimed in Claim 7 [or Claim 8], wherein the PLL circuit includes an oscillator that generates the reference signal, a frequency divider that divides the frequency of the input signal to output a frequency divided signal, and a comparator that compares the reference signal and the frequency divided signal to detect a phase difference between both.

11. (amended) The modulator as claimed in Claim 7 [or Claim 8], wherein the AGC circuit outputs the control signal on the basis of the signal outputted from the PLL circuit.